

The Raleigh Amateur Radio Society's **EXCITER**



RARS EVENTS:

- The RARS General Membership meeting is the 1st Tuesday of the month.
- The RARS net meets every night @ 8 PM on 146.640.
- The RARS Technical & Trader's net is Saturdays @ 8:30 PM or following the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

Want to be a Published Author?

Everyone has their favorite aspect of amateur radio. From contests to antenna building, there's something for everyone in this great hobby. Why not share your interests, expertise, and experience with RARS in the Exciter? We welcome member and non-member/affiliate submissions.

Both technical and non-technical articles are needed for the Exciter. You could write up a quick column on QSL cards or a longer how-to piece on setting up a new shack. And don't feel pressured to write a tome; articles of all sizes are appreciated!

To submit an article, simply email your piece to the Editor (editor@rars.org). Please also feel free to attach pictures to accompany your article. It is helpful if you add captions and identify the people in photographs.

We look forward to learning from each other and broadening our club's knowledge base! So break out those pens, pencils, and keyboards and get writing!

Next RARS Meeting: August 7

7:30 PM: "All You Want to Know About Ham Station Grounding for Lightning Protection"
by Tom Lewis N4TL.

There will also be VE testing this evening
(see page 3 for details).

RARS OFFICERS:

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).



The Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcome articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

The Editor reserves the right to edit any and all pieces.

The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

Editor: Courtney Enzor KI4HOS (editor@rars.org)

RARS General Meeting

Date: First Tuesday of each month

Location: First Alliance Church

4400 Buffaloe Road

Raleigh, NC

Time: People begin arriving at 7 PM. The meeting officially begins at 7:30 PM.

RARS Monthly Dinner

Join us on the 2nd Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family – feel free to bring your little ones! Dinner begins at 6:30 pm.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net @ 8 PM on the 146.640. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS member to the net.

VE TESTING

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.



August Birthdays

Clement	KD4BMA	8/8
Ralph	KJ4TTI	8/9
Andy	NI4S	8/10
Nola	KD4OLZ	8/12
Sarah	KK4HAS	8/14
Paul	AE4MN	8/15
Bernard	W4BRB	8/17
Chuck	W3WZN	8/19
Al	KE4IHX	8/20
Red	AC4QX	8/21
Mirl	W4WMA	8/22
Steve	KJ4BX	8/23
Don	N8DDK	8/27
Jack	W5WSF	8/28
Edward	N4SSU	8/29
Mike	KK4ETS	8/30
Sarah	KJ4WZD	8/31
Dan	KD4AGQ	8/31

Bonus July Birthday!

(Accidentally left out last month)

Bob	K4RLC	7/19
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May 2012

RARS Net Reports

Checkins: 610
Traffic: 40/32
Minutes: 625
Sessions: 30

Special Interest Nets:
Checkins: 180
Minutes: 475
Sessions: 11

Upcoming Hamfests

- 8/4 CFARS Swapfest
Fayetteville, NC
<http://www.arrl.org/hamfests/14th-annual-cape-fear-ars-swapfest>
- 8/4 Roanoke Valley Hamfest
Vinton, VA
<http://www.w4ca.us/page.php?5>
- 8/5 Berryville Hamfest
Berryville, VA
<http://www.shenvalarc.org/hamfest>
- 8/18 ARRL West VA State Convention
Weston, WV
<http://www.shenvalarc.org/hamfest>
- 8/18- ARRL Southeastern Division Conference
8/19 Huntsville, AL
<http://www.hamfest.org/>
- 8/25 SARA 1st Annual Hamfest
Swainsboro, GA
http://www.kj4mks.com/web_documents/1st_annual_hamfest_web.pdf

New RARS Members

Fred Benson	NC4FB
Frank Neumann	NF2O
John Daniel	KK4JCN
Kimberly Young	No License
Frank Styron III	W4CWA
Alice Booth	KJ4GKI

Minutes of the May 15, 2012 RARS Board Meeting

Present: Karl W4CHX, CJ KJ4OBQ, Bob KI4YXM, Greg KE4PAX, Don WA4AVU, Chuck K4HF, Bob W4TTX, John AI4RT, David KF4VXJ, Chuck W3WZN

Guests: Alan AB4OZ, Cliff W4FT,

Apologies and/or emailed reports: Ken KI4OTO, Jack N6UYB

1. Call to order: Karl W4CHX called the meeting to order at 7:04 PM.
2. Approval of minutes: After discussion, the Minutes of the March 20 and April 17, 2012 meetings of the RARS Board were approved. Chuck K4HF made a motion that we approve the minutes as amended. Bob W4TTX seconded the motion. The motion was approved.
3. Vice President's report (CJ KJ4OBQ): No report
4. Treasurer's report (Greg KE4PAX): We currently have 324 members. There are still outstanding RARSfest bills so we don't have a final accounting. A \$225.00 donation has been received from Marc Sullivan W4MPS, via Chuck Littlewood, K4HF.
5. Secretary's report (Bob KI4YXM): No report
6. Committee reports:
 - a. Public Service Director (John AI4RT): John AI4RT thanked people for supporting the 3 Ring Cycle and asked that we support the NC Special Olympics.
 - b. Public Information Officer (Chuck W3WZN): Chuck W3WZN will try to become an ARRL Public Information Officer in NC so he can be aware of ARRL planning and make recommendations to the club.
 - c. Education Director (Virginia NC4VA): No report
 - d. Field Day Chair (Bob W4TTX): Bob W4TTX will start making periodic announcements on the 8:00 PM RARS net. The American Red Cross wants to participate in our Field Day event; they want to see about bringing generators out for our use. David KF4VXJ reported on the donations that have been received so far. On Friday night (6/22), we will have a taco bar for supper.

Bob W4TTX and Karl W4CHX updated the Board on their progress with securing permissions for the use and modification of the original Woodstock logo on Field Day T-shirts for RARS. There was a discussion about encouraging people to send radiogram messages.

- e. FM Repeater Chair (Karl W4CHX): Karl W4CHX provided an update on the installation of the 145.13 repeater at the RTP tower site, and the replacement of the building at the Bayleaf tower site. Cliff W4FT is working with American Tower to get guidelines on what we can and cannot do at the site. He still has to send plans to them. We will need a city permit. Specifications for the building are being prepared.
- f. RARSFest Chair (John A14RT): No report
- g. Exciter Chair (Courtney K14HOS): No report
- h. Hospitality Chair (Mary Jo K4MJL): No report
- i. Net Manager (Mary KG4OQA): No report
- j. ARRL Liaison (Chuck K4HF): Chuck K4HF reported that the ARRL Executive Chair has approved RARSfest as the ARRL Roanoke Division Convention for 2014.
- k. At-Large Director (Don WA4AVU): No report
- l. At-Large Director (Ken K14OTO): See Old Business.
- m. At-Large Director (Jack N6UYB): No report
- n. W4DW/W4RNC Trustee (Jeff AC4ZO): No report
- o. RARSVE Coordinators (Joe WA4GIR and Liz KO4CK): No report
- p. RARS Webmaster (Hank K4HM): No report
- q. North Carolina QSO Party (Marty W4MY): The Forsyth Amateur Radio Club will announce in June that RARS is assuming responsibility for the North Carolina QSO Party in 2013.

7. Old business:

- a. New award for RARS members (Ken KI4OTO): Based on his email communication, Ken KI4OTO indicated that he will be pursuing this initiative upon return from vacation.
- b. RARS budget for 2012-2013 (Greg KE4PAX): Greg KE4PAX reviewed the proposed budget. Chuck W3WZN made a motion to accept the budget as proposed and bring it to the general membership for approval at the June meeting. Chuck K4HF seconded the motion. The motion was passed.
- c. Insurance coverage for RARS (Greg KE4PAX): The ARRL has recommended a new agency for insurance, and RARS is proposing to move to this new provider. RARS will drop its auto coverage and add inventory coverage. Karl W4CHX and others will provide an inventory of equipment; additional items will be added as they are acquired or otherwise made known. Bob W4TTX made a motion that we switch insurance carriers as recommended by the ARRL. Motion was seconded by Chuck K4HF. The motion was approved. Karl W4CHX and Greg KE4PAX will work on a complete inventory of club assets.
- d. ARRL licensing manuals for public libraries (Murray K4MHM): In progress.

8. New business:

RARS participation in Maker Faire 2012 (Karl W4CHX): Maker Faire NC will be held on June 16th in the Kerr-Scott Building, NC State Fairgrounds. Woody Woodward, K3VSA asked RARS to help sponsor NC Maker Faire 2012. After discussion, the Board felt it was too late to participate this year. It was suggested that RARS invite Woody Woodward, K3VSA to present a program on NC Maker Faire, and that we try to build interest among club members. Then, RARS will be in a position to do some long range planning for participation next year.

9. Any other business: None

10. Board member's comments:

- a. CJ KJ4OBQ needs presentation topics for general meetings; several suggestions were made.
- b. CJ KJ4OBQ would be happy to "take on" the web work for the RARS Auction in October, 2012.

- c. Karl W4CHX thanked Bob W4TTX for providing the meeting space. He indicated that the RARS Board will evaluate the newly configured meeting space at the Triangle Radio Reading Service before pursuing an alternative meeting location.

11. Adjournment (Karl W4CHX): The meeting was adjourned at 9:19 PM.

Minutes of the June 19, 2012 RARS Board Meeting

Present: Karl W4CHX, CJ NC4CJ, Greg KE4PAX, Bob KI4YXM, Ken KI4OTO, Chuck W3WZN, John AI4RT, Chuck K4HF, Bob W4TTX, Marty W4MY, Jack N6UYB

Guests: David KE4VXJ

Apologies and/or emailed reports: Don WA4AVU, Selene KG4RMT, Hank K4HM

1. Call to order (Karl W4CHX): Karl W4CHX called the meeting to order at 7:02 PM.
2. Approval of minutes (Karl W4CHX): After discussion, approval of the minutes of the May 15, 2012 meetings of the RARS Board was deferred to the July meeting.
3. Vice President's report (CJ NC4CJ): CJ NC4CJ is planning to have a software defined radio presentation for an upcoming meeting. Since this program is likely to be presented by an individual with a commercial affiliation, the consensus of the RARS Board was that this should be a more generic presentation as opposed to a "brand specific" presentation.
4. Treasurer's report (Greg KE4PAX): There are currently 329 members. Regarding insurance, Greg KE4PAX reported that liability and equipment are covered by separate policies. Insurance for the proposed new building at the Bayleaf repeater site is not included. In the past, the existing building has been self-insured and it was the RARS Board consensus that this practice should be continued.
5. Secretary's report (Bob KI4YXM): No report
6. Committee reports:
 - a. Public Service Director (John AI4RT): There are three events coming up in July.

- b. Public Information Officer (Chuck W3WZN): Chuck reported that the first press release for Field Day has been released; it will be followed by a second press release and phone calls to assignment desks.
- c. Education Director (Virginia NC4VA): No report
- d. Field Day Chair (Bob W4TTX): Bob W4TTX and David KF4VXJ reported on status of donations of goods and in-kind services. The portable toilet facility has been ordered. Permissions have been secured from Woodstock Ventures and HeilSound Ltd for the poster that will be used on the T-shirt for Field Day 2012. Bob W4TTX has been handling the ordering of T-shirts, which includes gift T-shirts for Woodstock Ventures (2), HeilSound Ltd (2), Bill Morine, N2COP (1), and Sherriff Donnie Harrison (1).
- e. FM Repeater Chair (Karl W4CHX): Karl W4CHX provided an update on the installation of the 145.13 repeater at the RTP tower site, and the replacement of the building at the Bayleaf tower site. Cliff W4FT has represented the RARS' interests very well in his interactions with individuals and companies that are involved in this project. A licensed electrician from Communications Structures Mgmt, Durham, NC has reviewed the site and our plans to move the power connection to a pedestal. Cliff W4FT is pursuing the appropriate permits and related issues. Karl W4CHX reported that there were no responses to our bid request that had been posted to the rars-l and rarsboard-l reflectors. Karl W4CHX also provided an update on getting the RARS repeater equipment tested and prepared for installation.
- f. RARSFest Chair (John AI4RT): No report.
- g. Exciter Chair (Courtney KI4HOS): No report. Marty W4MY commented that some of his submitted articles have not been published.
- h. Hospitality Chair (Mary Jo K4MJL): No report.
- i. Net Manager (Mary KG4OQA): No report.
- j. ARRL Liaison (Chuck K4HF): No report.
- k. At-Large Director (Don WA4AVU): No report.
- l. At-Large Director (Ken KI4OTO): See Old Business.
- m. At-Large Director (Jack N6UYB): No report.

- n. W4DW/W4RNC Trustee (Jeff AC4ZO): No report.
- o. RARSVE Coordinators (Joe WA4GIR and Liz KO4CK): No report.
- p. RARS Webmaster (Hank K4HM): No report.
- q. North Carolina QSO Party (Marty W4MY): Marty W4MY reported that the Forsyth Amateur Radio Club announced on June 6, 2012 that RARS is the taking over management of the North Carolina QSO Party (NCQP). The first meeting of the NCQP Committee is scheduled for July 28, 2012. The NCQP Committee consists of Marty Young, W4MY (chairman); Dwayne Ayers, N4MIO (at-large member); Henry Heidtmann, W2DZO (at-large member), Paul Stroud, AA4XX (logs); Marc Sullivan, W4MPS (awards); Joe White, WA4GIR (clubs); and, Andy Peterson, NI4S (IT, web, etc).

7. Old business:

- a. New award for RARS members (Ken KI4OTO): Ken KI4OTO provided an overview of his plan for a new award for RAS members, which they are calling, "Just Do Two". After favorable discussion by the RARS Board, it was recommended that Ken KI4OTO refine their plans for the "Just Do Two" award.
- b. Insurance coverage for RARS (Greg KE4PAX): See the Treasurer's Report above.
- c. ARRL licensing manuals for public libraries (Murray K4MHM): It was reported by Chuck K4HF that distribution of the ARRL license manuals to public libraries is underway.

8. New business:

- a. RARS participation in Maker Faire 2013 (Karl W4CHX): Karl W4CHX reported that he communicated with Woody Woodward, K3VSA about RARS decision to not participate in the NC Maker Faire this year. Karl W4CHX also reported that he has pledged RAR participation in NC Maker Faire 2013. The plans for getting RARS members to participate in NC Maker Faire 2013 includes having Woody Woodward, K3VSA make a presentation to RARS about the NC Maker Faire, followed by building consensus among RARS members with likely ties to the Maker Faire movement about the importance of

attending the event. After discussion, it was decided that having the NC Maker Faire presentation in November would be the optimal time.

- b. RARS participation in Apex Harvest Festival (Karl W4CHX): Karl W4CHX reported that he had been contacted by Mack Thorpe, President of the Apex Historical Society. That group, along with the Apex Downtown Business Association and the Town of Apex, is sponsoring Apex Harvest Festival on Saturday, October 6, 2012, from 9:00 AM to 5:00 PM. The Festival will celebrate, "History and Heritage - Today and Yesteryear" and they are asking if RARS would like to participate. Based on the Festival's emphasis and Apex's history of being a rural, farming, and railroad community, it is believed that RARS would make a nice addition to their planned exhibits. Since many details are yet to be planned, they would need our commitment of participation followed by discussion of our needs and requirements for setting up our exhibit and/or demonstration(s). No fees are required to be a participant. After discussion, it was decided that Karl W4CHX will make an announcement at the next RARS General Membership meeting asking someone to "come forward and champion" RARS participation in the Apex Harvest Festival. Chuck K4HF suggested that the organizers of the Apex Harvest Festival contact other, more local, amateur radio clubs to see if those clubs are interested in participation in this event.

9. Any other business:

- a. Program for the December, 2012 General Membership meeting (Karl W4CHX): After discussion, the Board reached consensus that RARS should pursue a new format for this meeting centering on a fellowship and/or a potluck meal (or similar). CJ NC4CJ will develop some ideas, and notify the Encore Singers we will not be hiring them this year.
- b. RARS brochure (Ken KI4OTO): Ken KI4OTO suggested that we review the Astoria OR Coast Guard Museum radio club brochure and consider developing one like it. Chuck W3WZN will review the RARS "white paper", the list of club accomplishments that was sent to the Dayton Hamvention several years ago, and the current RARS Field Day information on our website during preparation of the proposed brochure.

10. Board members' comments: No additional comments.

11. Adjournment (Karl W4CHX): The meeting was adjourned at 9:22 PM.

Minutes from the July 3, 2012 RARS General Meeting

1. Attendance: 52 people were present.
2. Call to order: Karl W4CHX called the meeting to order at 7:30 PM.
3. Approval of minutes: The Minutes of the RARS General Membership meeting on June 5, 2012 were approved.
4. Vice President's report (CJ KJ4OBQ): CJ NC4CJ reported that after discussion, the Board reached a consensus that the format for the RARS General Membership meeting in December, 2012 will be focused on fellowship and/or a potluck meal (or a similar). CJ NC4CJ will develop some ideas. She will also notify the Encore Singers we will not be hiring them this year. CJ reported that there were no firm plans for the August meeting.
5. Treasurer's report (Greg KE4PAX): Greg reported that we finished year with 331 members. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
6. Announcements (Karl W4CHX):
 - a. RARS participation in Maker Faire 2013 (Karl W4CHX): Karl W4CHX reported that he has communicated with Woody Woodward, K3VSA and Bill Morine, N2COP about NC Maker Faire 2013 and pledged RARS participation in 2013. The plans for getting RARS members to participate in NC Maker Faire 2013 include having Woody Woodward, K3VSA make a presentation to RARS about the NC Maker Faire followed by building a consensus among RARS members with likely ties to the Maker Faire movement about the importance of attending the event.
 - b. RARS participation in Apex Harvest Festival (Karl W4CHX): Karl W4CHX reported that RARS was contacted to participate in the Apex Harvest Festival on Saturday, October 6, 2012, from 9:00 AM to 5:00 PM. The Festival will celebrate, "History and Heritage - Today and Yesteryear". Based on the Festival's emphasis, it is believed by an organizer that RARS participation would compliment their planned exhibits. Since many details are yet to be planned, the festival planners would need our commitment of participation followed by discussion of our needs and requirements for setting up an exhibit and/or demonstration(s). After discussion by the

RARS Board, it was decided that an announcement would be made at the RARS General Membership meeting asking someone to “come forward and champion” RARS participation in the Apex Harvest Festival. Karl W4CHX asked that if anyone was interested in being the lead on this event to contact him.

- c. Timers needed for 2012 NC Long Course Meters Swim Meet, Cary, NC, August 18-19, 2012: Karl W4CHX announced that timers are needed for this state championship swim meet. He encouraged hams and their family members to volunteer as timers. For further information, please contact Karl W4CHX.
- d. RARS Dinner: second Tuesday, (7/10/12), 6:30 PM, Golden Corral, 6129 Glenwood Avenue (Hwy 70), monitor the 146.64 repeater on Tuesday (7/10) for any update information.
- e. RARS Board meeting: third Tuesday (7/17/12), 7:00 PM, Triangle Radio Reading Service, 211 E. Six Forks Road, Suite 103; any RARS member is welcome to attend. For more information, contact any RARS officer.
- f. After meeting gathering: The after meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco).
- g. Upcoming hamfests: Firecracker Hamfest, Salisbury, NC (7/7); Cary Mid-Summer Swapfest, Cary, NC (7/21); 35th Annual Western Carolina Hamfest, Waynesville, NC (7/28); and, CFARS Swapfest, Fayetteville, NC (8/4). Please see the Exciter or the ARRL website for information on other hamfests.
- h. Guests: The guests introduced were: Dwayne Ayers, N4MIO; Joe and Elizabeth Nichols; and, Bryan Wells, KG4UAZ

7. Reports from RARS Board members and others:

- a. “Just Do Two Award” (Ken KI4OTO): Ken KI4OTO gave a brief overview of a new award program for RARS members involved in club-related activities. More details will be provided at the next meeting and in the Exciter.
- b. ARRL Field Day 2012 (Bob W4TTX): Bob W4TTX thanked everyone for helping at Field Day. He briefly reviewed the weekend's events. The antenna launching contest winner will be announced at the August general

meeting. If anyone took photos, please forward them to Bob W4TTX for inclusion in next year's presentation. He is particularly interested in pictures of the solar-powered station.

- c. 10 meter net (Alan AB4OZ): Alan AB4OZ will be hosting another 10 meter net on 28.364 MHz, about 8:45-9:00 PM, after the Traders'/Tech Net on Saturday, July 14, 2012.
- d. Comments on public service event, upcoming contest, and several special event stations (Cliff W4FT, Karl W4CHX, Dwayne N4MIO): Cliff W4FT reminded everyone about a public service event in Cary (7/4) and an upcoming contest in August, 2012. Karl W4CHX and Dwayne N4MIO made comments about DX and special event stations, which were operating around the Fourth of July.

8. Any other business: None

9. Drawing: The winners were Justin AJ4MJ, Bob KI4ZNM, and Don N8DDK.

10. Program: The program was entitled, "North Carolina QSO Party" (NCQP), which was presented by Marty Young, W4MY. RARS is taking over the administrative responsibilities for the NCQP starting in 2013. Marty W4MY introduced the NCQP committee members that will be planning the event. He also reviewed the various ways one can participate in the NCQP. Marty W4MY commented that the NCQP is likely to be the 10th largest QSO party in the US.

11. August, 2012 program announcement: The program will be presented by Tom Lewis, N4TL and it will be focused on grounding and lightning protection.

12. Adjournment: The meeting was adjourned at 9:02 PM by Karl W4CHX

Local Amateur Radio Nets

Join us every evening at 8 PM on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

Central Carolina SKYWARN

Please join us each Tuesday @ 9:15 PM on the 146.880 repeater for the CCS net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

The **PCTN (Piedmont Costal Traffic Net)** meets every night at 9 PM on the 146.880. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The Wake County ARES

Net meets Thursdays at 8:30 PM on the 146.640 repeater. We provide discussion training for the implementation and provision of emergency communications for our served agencies, such as the American

Red Cross and the local and state Emergency Operations Center. Please join us. For more information, check out www.wakeares.org.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 PM.

This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

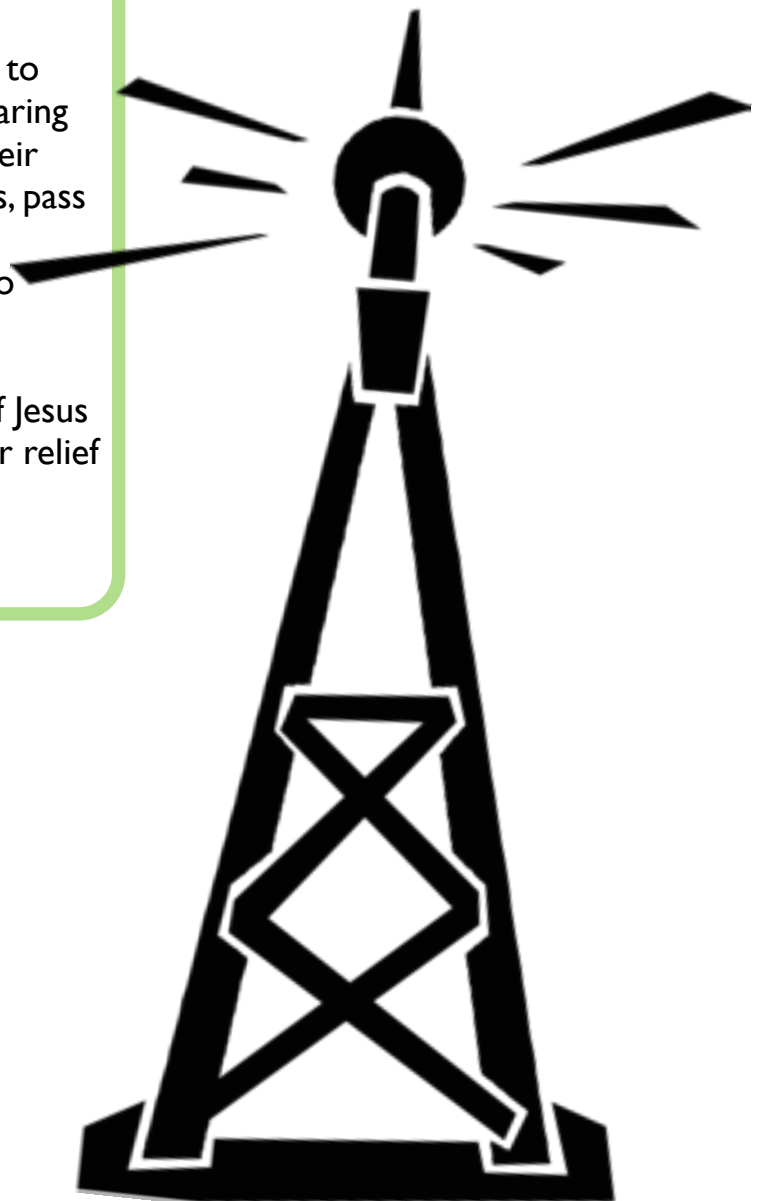
Local Amateur Radio Nets

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 at 8:30 PM.

Apex Emergency Response Communications Net

This net meets weekly each Sunday evening @ 9 PM on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.



RARS Classifieds

Looking to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php>.

RARS members are welcome to post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

The Raleigh Amateur Radio Society's

EXCITER

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